1631

PATENT
Client-Matter No.: 66692-043
(P-TB 5072)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of   ) Confirmation No.: 1917
    Sem et al.   )
) Examiner: Not yet assigned
Serial No.: 10/040,895   )
) Group Art Unit: 1631
Filed: December 28, 2001   )
)
For: METHODS FOR PREDICTING   )
      FUNCTIONAL AND STRUCTURAL   )
      PROPERTIES OF POLYPEPTIDES   )
      USING SEQUENCE MODELS   )
_____)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

      In accordance with 37 C.F.R. § 1.97, enclosed are references relating to the above-identified application. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449, and a copy of each is enclosed herewith.

      It is respectfully requested that these references be considered in the examination of this application and that their consideration be made of written record in the application file.

      No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 502624.

Respectfully submitted,

Date: __September 12, 2003__   _Deborah L. Cadena_

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Form PTO 1449	US Department of Commerce Patent and Trademark Office	ATTY CLIENT-MATTER NO: 66692-043 (P-TB 5072)	SERIAL NO. 10/040,895

(stamp: OIPE SEP 1 5 2003 JC25 PATENT & TRADEMARK)

		APPLICANT: Sem et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: 12/28/2001	GROUP: 1631 CONFIRMATION NO.: 1917

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (YES/NO)
		WO 00/36096	6/22/00	PCT			
		WO 01/83717	11/8/01	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

		Grundy and Bailey, "Family pairwise search with embedded motif models," Bioinformatics, 15:463-470 (1999)
		Jez et al., "Comparative anatomy of the aldo-keto reductase superfamily," Biochem. J 326:625-636 (1997)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Form PTO 1449 US Department of Commerce Patent and Trademark Office	ATTY DOCKET NO: 66692-043 (P-TB 5072)	SERIAL NO. 10/040,895
	APPLICANT: Sem et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: 12/28/2001	GROUP: 1631 CONFIRMATION NO.: 1917

			Johnson et al., "Predicting ligand-binding function in families of bacterial receptors," Proc. Natl. Acad. Sci. USA 97:3965-3970 (2000)
			Li et al., "Crystal structure of cholesterol oxidase complexed with a steroid substrate: implications for flavin adenine dinucleotide dependent alcohol oxidases," Biochemistry 32:11507-11515 (1993)
			Panchenko et. al., "Threading with explicit models for evolutionary conservation of structure and sequence," Proteins 3:133-140 (1999)
			Siezen and Leunissen, "Subtilases: The superfamily of subtilisin-like serine proteases," Protein Science 6:501-523 (1997)

EXAMINER	DATE CONSIDERED

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